

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P598878

Luminaire Tested: **IFLD-S-SA2B-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598878
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2B-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (32) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

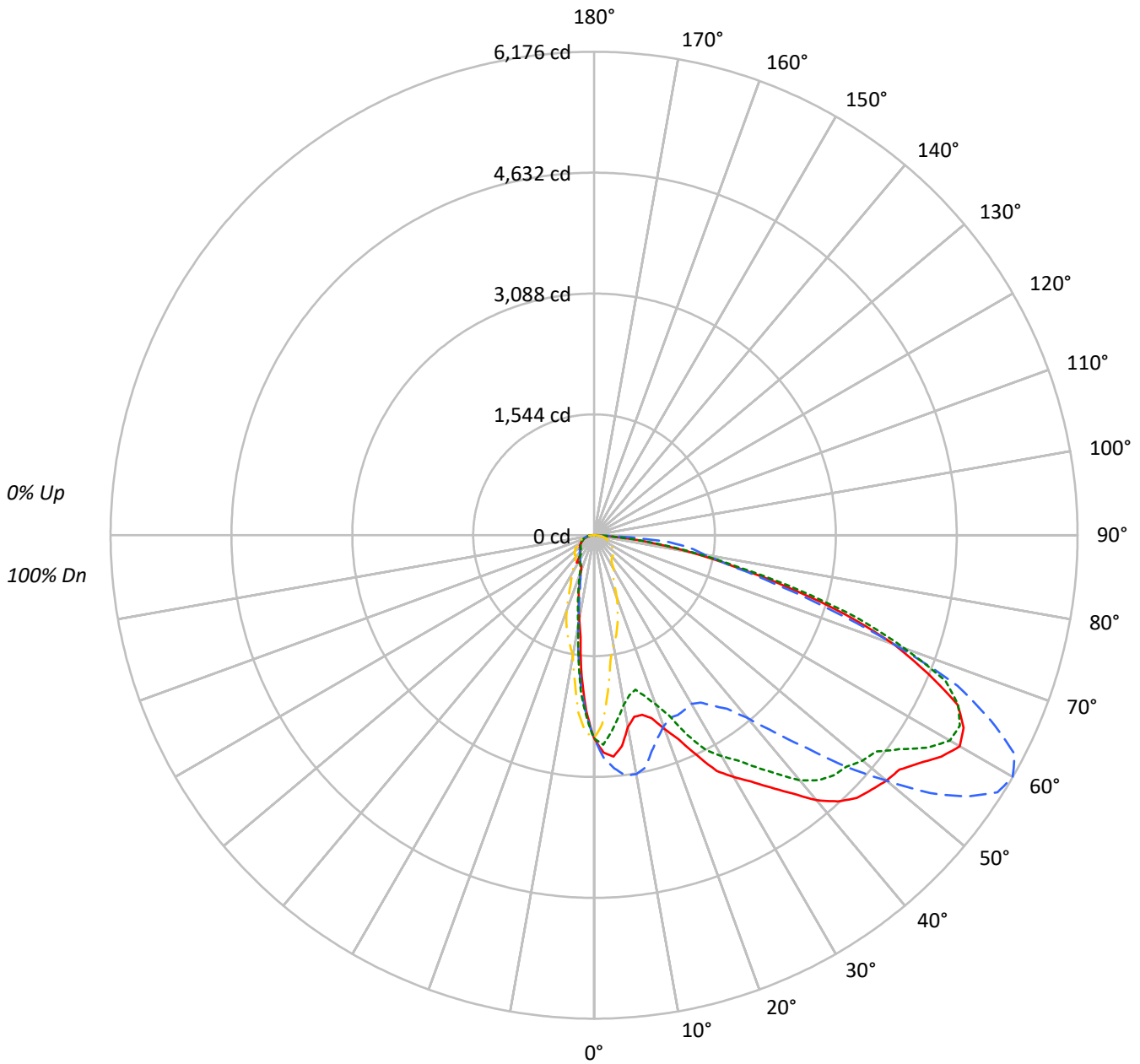
Lumens per Lamp: N/A
 Luminaire Lumens: 8122.1 lumens
 Efficiency: N/A
 Efficacy: 98.6 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 82.4
 Input Voltage (V): 120
 Input Current (A_{in}): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	55847	55847	55847	55847
5°	61355	54503	39086	42667
10°	54346	47965	23707	25441
15°	52919	45531	16782	17426
20°	60339	52662	10978	12133
25°	73517	66754	9584	9927
30°	88580	80966	9941	9225
35°	103307	95068	8239	7763
40°	124138	114822	7694	7290
45°	144467	131961	7788	7240
50°	163267	149991	7964	7482
55°	190403	178775	8250	7844
60°	232229	225870	8224	8224
65°	260987	261354	8441	8807
70°	256493	265564	8844	9070
75°	211578	225668	9291	9890
80°	152761	160360	10277	10724
85°	84550	90774	11560	14227

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.5	2.5
10°-20°	425.5	5.2
20°-30°	622.6	7.7
30°-40°	877.1	10.8
40°-50°	1205.5	14.8
50°-60°	1642.9	20.2
60°-70°	1798.1	22.1
70°-80°	1038.1	12.8
80°-90°	310.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1249.6	15.4
0°-40°	2126.7	26.2
0°-60°	4975.1	61.3
0°-90°	8122.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8122.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2594	2594	2594	2594	2594	
5°	2839	2522	1809	1974	2839	258
15°	2374	2043	753	782	2374	694
25°	3095	2810	404	418	3095	1449
35°	3931	3617	314	295	3931	2493
45°	4745	4334	256	238	4745	3647
55°	5073	4763	220	209	5073	4577
65°	5124	5131	166	173	5124	4904
75°	2544	2713	112	119	2544	2732
85°	342	368	47	58	342	475
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2
2.5°	2777.9	2767.1	2777.9	2817.6	2828.4	2846.4	2846.4	2821.2	2774.3	2752.7	2716.7
5°	2839.2	2821.2	2911.2	2994.1	3059.0	3051.7	2990.5	2940.1	2846.4	2705.9	2572.5
7.5°	2716.7	2734.7	2799.5	3015.7	3167.0	3195.9	3098.6	2997.7	2795.9	2601.4	2421.2
10°	2486.1	2511.3	2651.8	2875.2	3113.0	3159.8	3098.6	2976.1	2734.7	2493.3	2284.3
12.5°	2374.4	2432.0	2514.9	2785.1	2954.5	3066.2	3037.3	2958.1	2687.8	2403.2	2201.4
15°	2374.4	2388.8	2511.3	2738.3	2835.6	2839.2	2850.0	2864.4	2702.3	2442.8	2172.6
17.5°	2450.0	2489.7	2594.2	2734.7	2752.7	2709.5	2709.5	2770.7	2731.1	2554.5	2277.1
20°	2633.8	2619.4	2756.3	2814.0	2716.7	2608.6	2597.8	2702.3	2763.5	2673.4	2468.1
22.5°	2817.6	2882.4	2994.1	2864.4	2684.2	2540.1	2525.7	2655.4	2860.8	2878.8	2687.8
25°	3095.0	3159.8	3217.5	3059.0	2680.6	2522.1	2532.9	2633.8	2979.7	3170.6	3055.4
27.5°	3394.0	3433.7	3516.5	3271.5	2767.1	2500.5	2511.3	2662.6	3091.4	3361.6	3343.6
30°	3563.4	3606.6	3588.6	3311.2	2824.8	2514.9	2486.1	2702.3	3030.1	3361.6	3530.9
32.5°	3729.1	3703.9	3693.1	3376.0	2896.8	2605.0	2532.9	2785.1	3066.2	3415.7	3772.4
35°	3930.9	3894.9	3866.0	3502.1	3015.7	2691.4	2659.0	2893.2	3145.4	3527.3	3966.9
37.5°	4154.3	4154.3	4013.8	3595.8	3156.2	2832.0	2795.9	3048.1	3271.5	3595.8	4233.5
40°	4417.3	4428.1	4179.5	3721.9	3314.8	3055.4	3044.5	3249.9	3394.0	3696.7	4489.3
42.5°	4611.9	4619.1	4323.6	3768.7	3498.5	3365.2	3412.0	3574.2	3534.6	3786.8	4507.4
45°	4745.2	4709.1	4424.5	3902.1	3700.3	3830.0	3844.4	3891.3	3718.3	3840.8	4579.4
47.5°	4810.0	4802.8	4467.7	4057.0	4125.4	4302.0	4384.9	4320.0	3887.6	3783.2	4579.4
50°	4874.9	4813.6	4507.4	4269.6	4539.8	4896.5	4878.5	4759.6	4121.8	3855.2	4511.0
52.5°	4918.1	4864.1	4586.6	4460.5	4936.1	5339.7	5411.7	5191.9	4395.7	3988.5	4543.4
55°	5073.0	5029.8	4824.4	4719.9	5393.7	5808.1	5818.9	5512.6	4683.9	4208.3	4756.0
57.5°	5260.4	5285.6	5152.3	5087.4	5743.2	6150.3	6110.7	5750.4	4928.9	4474.9	5001.0
60°	5393.7	5433.3	5400.9	5408.1	5916.1	6265.6	6175.6	5898.1	5109.1	4676.7	5300.0
62.5°	5321.6	5400.9	5534.2	5505.4	5923.3	6182.8	6056.7	5703.6	5130.7	4939.7	5527.0
65°	5123.5	5130.7	5390.1	5548.6	5599.1	5754.0	5588.3	5296.4	4907.3	5101.9	5494.6
67.5°	4615.5	4673.1	4907.3	5217.2	5004.6	5040.6	5026.2	4604.6	4568.6	4990.2	5246.0
70°	4075.0	4114.6	4370.5	4734.4	4226.3	4057.0	4089.4	3776.0	3923.7	4644.3	4745.2
72.5°	3368.8	3394.0	3685.9	4006.5	3390.4	3087.8	3163.4	2907.6	3116.6	4064.2	4002.9
75°	2543.7	2590.6	2817.6	3195.9	2496.9	2302.3	2378.0	2273.5	2468.1	3347.2	3105.8
77.5°	1808.7	1772.7	2053.7	2500.5	1877.2	1761.9	1769.1	1787.1	1996.1	2821.2	2230.3
80°	1232.2	1243.0	1495.2	1833.9	1473.6	1455.6	1437.6	1581.7	1675.4	2233.9	1621.4
82.5°	731.4	731.4	1008.8	1304.3	1163.8	1311.5	1228.6	1358.3	1311.5	1643.0	1062.9
85°	342.3	342.3	518.8	940.4	900.8	1080.9	918.8	1026.9	969.2	1145.8	479.2
87.5°	57.6	50.4	104.5	461.2	371.1	421.6	165.7	547.7	608.9	799.9	118.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2
2.5°	2677.0	2651.8	2601.4	2536.5	2482.5	2414.0	2392.4	2345.6	2280.7	2273.5	2244.7
5°	2522.1	2435.6	2327.5	2194.2	2104.2	2010.5	1931.2	1884.4	1830.3	1823.1	1808.7
7.5°	2352.8	2244.7	2064.5	1906.0	1751.1	1603.3	1531.3	1441.2	1380.0	1333.1	1311.5
10°	2194.2	2093.3	1870.0	1653.8	1516.9	1419.6	1333.1	1239.4	1163.8	1106.1	1084.5
12.5°	2089.7	1970.8	1729.4	1524.1	1423.2	1311.5	1214.2	1113.3	1016.0	940.4	900.8
15°	2042.9	1931.2	1686.2	1459.2	1311.5	1156.6	1044.9	944.0	825.1	771.0	753.0
17.5°	2154.6	1988.9	1671.8	1383.6	1174.6	998.0	861.1	753.0	666.6	612.5	590.9
20°	2298.7	2093.3	1697.0	1293.5	1044.9	846.7	695.4	580.1	522.4	482.8	479.2
22.5°	2482.5	2248.3	1736.7	1228.6	900.8	681.0	544.1	475.6	436.0	432.4	425.2
25°	2810.3	2529.3	1801.5	1142.2	785.5	562.1	464.8	425.2	407.1	396.3	403.5
27.5°	3091.4	2713.1	1848.3	1088.1	738.6	529.6	450.4	407.1	389.1	385.5	389.1
30°	3257.1	2882.4	1833.9	987.2	644.9	504.4	479.2	464.8	428.8	399.9	399.9
32.5°	3408.4	2990.5	1830.3	897.1	551.3	421.6	399.9	389.1	410.7	425.2	414.3
35°	3617.4	3159.8	1819.5	846.7	511.6	389.1	353.1	324.3	309.9	302.7	313.5
37.5°	3840.8	3275.1	1790.7	839.5	490.0	371.1	342.3	313.5	299.0	291.8	288.2
40°	4085.8	3397.6	1758.3	803.5	479.2	360.3	331.5	306.3	288.2	277.4	273.8
42.5°	4244.3	3494.9	1725.8	785.5	457.6	353.1	320.7	299.0	281.0	266.6	266.6
45°	4334.4	3610.2	1693.4	767.4	432.4	356.7	320.7	291.8	270.2	263.0	255.8
47.5°	4374.1	3696.7	1682.6	738.6	410.7	342.3	313.5	284.6	263.0	248.6	245.0
50°	4478.5	3880.4	1722.2	717.0	385.5	327.9	331.5	281.0	259.4	241.4	237.8
52.5°	4539.8	4028.2	1808.7	684.6	367.5	309.9	324.3	273.8	248.6	230.6	230.6
55°	4763.2	4273.2	1902.4	659.4	345.9	284.6	299.0	259.4	230.6	219.8	219.8
57.5°	5047.8	4532.6	1981.7	648.5	331.5	266.6	266.6	252.2	219.8	205.4	201.8
60°	5246.0	4745.2	2028.5	641.3	317.1	248.6	237.8	252.2	209.0	194.6	191.0
62.5°	5267.6	4622.7	1981.7	637.7	313.5	230.6	216.2	241.4	198.2	183.8	176.5
65°	5130.7	4374.1	1851.9	623.3	309.9	212.6	201.8	209.0	183.8	172.9	165.7
67.5°	4856.9	3970.5	1664.6	616.1	306.3	198.2	183.8	180.2	169.3	158.5	151.3
70°	4219.1	3444.5	1444.8	583.7	299.0	187.4	165.7	162.1	151.3	144.1	140.5
72.5°	3541.8	2817.6	1192.6	540.5	284.6	169.3	151.3	144.1	140.5	129.7	126.1
75°	2713.1	2169.0	954.8	479.2	248.6	151.3	133.3	126.1	122.5	115.3	111.7
77.5°	1906.0	1614.1	706.2	389.1	209.0	136.9	118.9	111.7	108.1	97.3	97.3
80°	1293.5	1131.3	479.2	270.2	162.1	111.7	104.5	97.3	90.1	82.9	82.9
82.5°	803.5	792.7	345.9	176.5	118.9	90.1	82.9	82.9	72.1	64.9	64.9
85°	367.5	486.4	241.4	122.5	90.1	68.5	68.5	64.9	57.6	46.8	46.8
87.5°	115.3	162.1	126.1	54.0	50.4	39.6	39.6	36.0	36.0	28.8	28.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2
2.5°	2273.5	2269.9	2269.9	2255.5	2291.5	2291.5	2313.1	2295.1	2305.9	2309.5	2338.4
5°	1805.1	1833.9	1855.5	1898.8	1924.0	1934.8	1934.8	1963.6	1952.8	1974.4	2017.7
7.5°	1322.3	1358.3	1423.2	1477.2	1520.5	1534.9	1531.3	1538.5	1549.3	1524.1	1531.3
10°	1070.1	1044.9	1066.5	1116.9	1156.6	1203.4	1167.4	1163.8	1174.6	1163.8	1185.4
12.5°	893.5	864.7	846.7	846.7	875.5	897.1	886.3	904.4	944.0	954.8	980.0
15°	724.2	699.0	684.6	666.6	695.4	702.6	713.4	738.6	767.4	781.9	810.7
17.5°	580.1	580.1	580.1	565.7	576.5	587.3	590.9	623.3	626.9	641.3	652.1
20°	475.6	486.4	504.4	511.6	522.4	522.4	515.2	533.2	518.8	529.6	536.8
22.5°	428.8	443.2	450.4	454.0	468.4	472.0	454.0	457.6	461.2	450.4	454.0
25°	403.5	410.7	403.5	407.1	410.7	403.5	407.1	414.3	410.7	417.9	414.3
27.5°	392.7	385.5	381.9	378.3	378.3	371.1	374.7	374.7	381.9	385.5	385.5
30°	392.7	381.9	367.5	356.7	356.7	345.9	353.1	360.3	363.9	371.1	371.1
32.5°	403.5	381.9	356.7	345.9	335.1	327.9	335.1	345.9	360.3	363.9	367.5
35°	320.7	331.5	327.9	313.5	309.9	309.9	306.3	306.3	295.4	295.4	291.8
37.5°	288.2	284.6	291.8	295.4	299.0	288.2	288.2	273.8	270.2	273.8	273.8
40°	270.2	270.2	270.2	281.0	284.6	277.4	266.6	259.4	259.4	259.4	263.0
42.5°	263.0	255.8	252.2	259.4	270.2	263.0	252.2	248.6	248.6	252.2	252.2
45°	252.2	248.6	245.0	241.4	255.8	245.0	241.4	237.8	237.8	237.8	241.4
47.5°	241.4	237.8	230.6	230.6	234.2	230.6	227.0	227.0	227.0	234.2	234.2
50°	234.2	230.6	223.4	223.4	223.4	223.4	219.8	219.8	219.8	223.4	227.0
52.5°	223.4	219.8	216.2	212.6	212.6	212.6	212.6	212.6	212.6	216.2	219.8
55°	212.6	209.0	205.4	205.4	209.0	209.0	205.4	209.0	205.4	209.0	212.6
57.5°	201.8	198.2	194.6	198.2	201.8	198.2	198.2	198.2	198.2	198.2	201.8
60°	187.4	187.4	187.4	187.4	194.6	194.6	194.6	194.6	187.4	191.0	194.6
62.5°	180.2	176.5	176.5	180.2	183.8	183.8	187.4	183.8	180.2	183.8	183.8
65°	165.7	165.7	165.7	169.3	169.3	172.9	172.9	172.9	169.3	172.9	172.9
67.5°	154.9	154.9	154.9	154.9	162.1	162.1	162.1	162.1	158.5	158.5	162.1
70°	136.9	140.5	136.9	144.1	151.3	147.7	151.3	151.3	147.7	144.1	151.3
72.5°	126.1	126.1	126.1	126.1	136.9	136.9	136.9	140.5	136.9	133.3	136.9
75°	111.7	111.7	111.7	115.3	122.5	122.5	122.5	122.5	122.5	118.9	118.9
77.5°	97.3	100.9	97.3	100.9	108.1	104.5	108.1	111.7	108.1	104.5	104.5
80°	82.9	82.9	82.9	86.5	90.1	90.1	90.1	93.7	90.1	86.5	86.5
82.5°	64.9	64.9	68.5	68.5	72.1	72.1	72.1	75.7	72.1	68.5	68.5
85°	50.4	50.4	50.4	54.0	54.0	57.6	57.6	61.3	61.3	57.6	57.6
87.5°	32.4	28.8	32.4	32.4	36.0	36.0	32.4	28.8	32.4	28.8	25.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P598878
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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2	2594.2
2.5°	2367.2	2432.0	2478.9	2511.3	2558.1	2648.2	2684.2	2749.1	2767.1	2777.9
5°	2035.7	2104.2	2205.0	2277.1	2360.0	2529.3	2659.0	2756.3	2799.5	2839.2
7.5°	1596.1	1686.2	1790.7	1884.4	2021.3	2230.3	2399.6	2601.4	2677.0	2716.7
10°	1246.6	1329.5	1444.8	1560.1	1751.1	1927.6	2169.0	2352.8	2457.3	2486.1
12.5°	1052.1	1149.4	1286.3	1426.8	1545.7	1747.5	1992.5	2259.1	2356.4	2374.4
15°	893.5	1026.9	1167.4	1311.5	1448.4	1625.0	1888.0	2212.2	2356.4	2374.4
17.5°	738.6	857.5	1023.3	1178.2	1336.7	1578.1	1906.0	2251.9	2396.0	2450.0
20°	587.3	702.6	832.3	1026.9	1243.0	1498.9	1945.6	2385.2	2576.2	2633.8
22.5°	486.4	536.8	663.0	850.3	1106.1	1444.8	1985.3	2594.2	2795.9	2817.6
25°	425.2	461.2	540.5	717.0	998.0	1408.8	2078.9	2835.6	3095.0	3095.0
27.5°	396.3	410.7	464.8	623.3	922.4	1376.3	2172.6	3102.2	3343.6	3394.0
30°	389.1	425.2	454.0	554.9	839.5	1286.3	2259.1	3311.2	3559.8	3563.4
32.5°	381.9	374.7	396.3	482.8	738.6	1192.6	2331.1	3523.7	3718.3	3729.1
35°	299.0	313.5	349.5	425.2	663.0	1124.1	2367.2	3639.0	3920.1	3930.9
37.5°	281.0	299.0	327.9	392.7	612.5	1066.5	2378.0	3862.4	4132.7	4154.3
40°	273.8	288.2	309.9	363.9	572.9	994.4	2399.6	4093.0	4446.1	4417.3
42.5°	259.4	277.4	299.0	349.5	540.5	940.4	2403.2	4219.1	4611.9	4611.9
45°	255.8	266.6	291.8	349.5	504.4	893.5	2345.6	4345.2	4802.8	4745.2
47.5°	241.4	263.0	284.6	338.7	461.2	846.7	2277.1	4410.1	4828.0	4810.0
50°	237.8	259.4	295.4	320.7	436.0	825.1	2262.7	4572.2	4878.5	4874.9
52.5°	230.6	252.2	306.3	306.3	403.5	796.3	2331.1	4644.3	4889.3	4918.1
55°	219.8	252.2	284.6	281.0	374.7	760.2	2406.8	4831.6	5080.2	5073.0
57.5°	212.6	245.0	270.2	255.8	342.3	735.0	2518.5	5011.8	5310.8	5260.4
60°	201.8	245.0	241.4	237.8	317.1	713.4	2612.2	5047.8	5361.3	5393.7
62.5°	194.6	255.8	212.6	219.8	295.4	702.6	2572.5	4777.6	5292.8	5321.6
65°	187.4	219.8	194.6	201.8	288.2	681.0	2417.6	4453.3	4997.4	5123.5
67.5°	172.9	180.2	180.2	187.4	281.0	630.5	2100.6	3869.6	4547.0	4615.5
70°	158.5	162.1	162.1	172.9	273.8	572.9	1733.0	3347.2	3945.3	4075.0
72.5°	144.1	144.1	144.1	158.5	252.2	526.0	1426.8	2572.5	3278.7	3368.8
75°	126.1	126.1	126.1	140.5	227.0	479.2	1124.1	1913.2	2414.0	2543.7
77.5°	111.7	111.7	108.1	126.1	198.2	389.1	810.7	1351.1	1700.6	1808.7
80°	93.7	90.1	90.1	100.9	154.9	281.0	522.4	954.8	1185.4	1232.2
82.5°	75.7	72.1	68.5	75.7	111.7	176.5	324.3	666.6	760.2	731.4
85°	72.1	75.7	61.3	57.6	79.3	115.3	205.4	410.7	342.3	342.3
87.5°	28.8	25.2	25.2	21.6	39.6	43.2	90.1	75.7	57.6	57.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)